

# Aventa Silent

Domestic and light commercial facilities



## KEY FEATURES

- In-line mixed flow fan
- Suitable for toilets, en-suites, bathrooms, utility rooms, kitchens and light commercial applications
- Timer (T) versions available
- Two speed ventilation up to 509 l/s (1832 m³/h)
- IPX4 rating
- Features sound insulated casing to ensure low noise levels
- Designed for longer duct runs



The durable external casing is made of polymer coated steel. The inner casing perforation let's sound waves pass through the holes and fall at a specific angle to the sound absorbing layer. The casing is internally heat and sound insulated with a 50 mm mineral layer and the conic impeller with special blade profiling increases air flow speed and provides higher pressure.

The diffuser, specially profiled impeller and directing vanes at the outlet from the fan casing distribute air flow in such a way as to attain the best combination of performance and pressure at low noise levels.

The fans can be mounted at any place or angle within the ductwork. Several fans can be installed in parallel in the same system to achieve a higher air capacity or in series to achieve higher pressure.

Recommended as a component of an air handling systems for commercial and industrial premises where noise levels need to be kept to a minimum, for example, libraries, conference rooms, educational institutions and crèches.

## MODELS

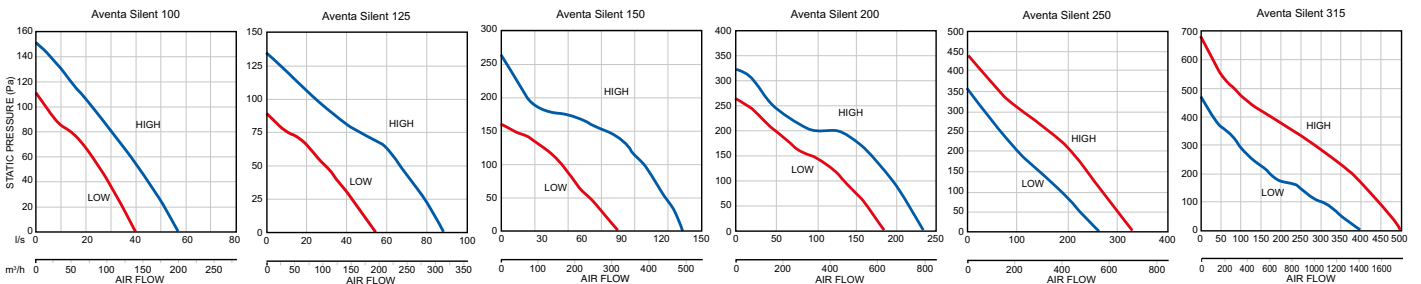
Basic	Control by optional switch (switch not included)
Timer	Adjustable timer overrun between 2 and 30 minutes.



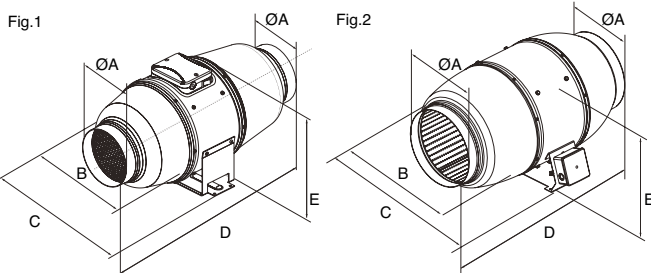
# TECHNICAL DATA

Specification	Aventa Silent AVS100		Aventa Silent AVS125		Aventa Silent AVS150		Aventa Silent AVS200		Aventa Silent AVS250		Aventa Silent AVS315	
Air flow m <sup>3</sup> /h	144 / 206		196 / 324		320 / 489		659 / 829		986 / 1231		1458 / 1832	
Air flow l/s	40 / 57		55 / 90		89 / 136		183 / 230		274 / 342		405 / 509	
Fan type	Mixed Flow											
Controls	Basic	Timer	Basic	Timer	Basic	Timer	Basic	Timer	Basic	Timer	Basic	Timer
Mounting	In-Line											
Sound Pressure dB(A)@3m	24 / 29		23 / 28		26 / 33		31 / 36		34 / 38		36 / 40	
Power Watts	26 / 28		25 / 30		45 / 53		81 / 110		121 / 171		210 / 294	
Amps	0.12 / 0.12		0.12 / 0.13		0.21 / 0.23		0.35 / 0.49		0.54 / 0.80		0.91 / 1.30	
Building Regulations ADF	Yes											
Duct diameter (mm)	100		125		150		200		250		315	
Voltage	230 V / 1 ph / 50 Hz											
Rating	IPX4											
Material finish	Polymer Coated Steel											
Weight (kg)	4.6		4.6		6.1		8		15		25	
Dimensions (H x W x D) mm	237 x 505 x 243		237 x 474 x 243		260 x 580 x 274		295 x 550 x 386		360 x 658 x 445		434 x 780 x 520	
Part No.	90000358	90002118	90000359	90002119	90000360	90002120	90000361	90002121	90002105	90002122	90002106	90002123
EAN	5019009313290	5019009335858	5019009313306	5019009335865	5019009313313	5019009335872	5019009313320	5019009335889	5019009335735	5019009335896	5019009335742	5019009335902
Speed controller No.	90000541		90000541		90000541		90000541		90000541		90000541	

# PERFORMANCE







# DIMENSIONS



Model	AØ	B	C	D	E	Figure No.
AVS 100	98	215	243	505	237	1
AVS 125	123	215	243	474	237	1
AVS 150	147	247	274	580	260	1
AVS 200	198	293	389	550	295	2
AVS 250	248	358	445	658	360	2
AVS 315	313	432	520	780	434	2

# CONTROLS & ACCESSORIES

 <p><b>ISOLSW-NE</b> No: 90000538</p> <p>Single gang two pole latching modular isolation switch (on/off) with a red neon indicator in a smooth, polar white finish.</p>	 <p><b>ON/OFF SWITCH</b> No: 90000540</p> <p>Single gang, single pole modular latching on/off switch in a smooth, polar white finish.</p>
 <p><b>HUMIDSTAT30-90</b> No: 9041570</p> <p>Wall mounted electrical humidistat for switching the ventilator on or off according to the degree of humidity in the air. IP30 rated.</p>	 <p><b>SWDBLP-TRIPP</b> No: 90000547</p> <p>Single gang single pole latching modular on/off switch with lock isolator module in a smooth, polar white finish.</p>

Others products available from [airflow.com](http://airflow.com)

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